

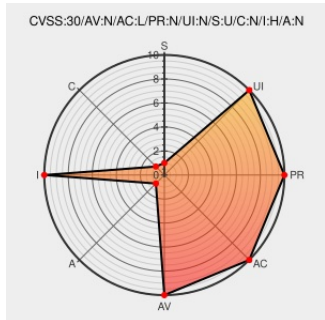


# CVE-2018-13090

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## CVE-2018-13090

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Yitongcoin](#) from [Yitongcoin Project](#) contain the following vulnerability:

The mintToken function of a smart contract implementation for YiTongCoin (YTC), an Ethereum token, has an integer overflow that allows the owner of the contract to set the balance of an arbitrary user to any value.

CVE-2018-13090 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>HIGH</b>         | <b>NONE</b>         |

CVSS2 Score: **5 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>PARTIAL</b>    | <b>NONE</b>         |

## CVE References

| Description                                                           | Tags                                                                                                                       | Link                                                                                                                                                                                        |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EtherTokens/YiTongCoin.md at master · VenusADLab/EtherTokens · GitHub | <a href="#">Exploit</a><br><a href="#">Third Party Advisory</a><br><a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC</a><br><a href="https://github.com/VenusADLab/EtherTokens/blob/master/YiTongCoin/YiTongCoin.md">github.com/VenusADLab/EtherTokens/blob/master/YiTongCoin/YiTongCoin.md</a> |

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

| Type                                                 | Vendor             | Product    | Version | Update | Edition | Language |
|------------------------------------------------------|--------------------|------------|---------|--------|---------|----------|
| Application                                          | Yitongcoin Project | Yitongcoin | -       | All    | All     | All      |
| Application                                          | Yitongcoin Project | Yitongcoin | -       | All    | All     | All      |
| cpe:2.3:a:yitongcoin_project:yitongcoin:-:*:*:*:*:*: |                    |            |         |        |         |          |
| cpe:2.3:a:yitongcoin_project:yitongcoin:-:*:*:*:*:*: |                    |            |         |        |         |          |

No vendor comments have been submitted for this CVE

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